

Title (en)

Integrated apparatus for generating power and/or oxygen enriched fluid, and process thereof

Title (de)

Integrierte Anlage zur Energieerzeugung und/oder Erzeugung einer sauerstoffangereicherten Flüssigkeit und deren Verfahren

Title (fr)

Installation intégrée pour produire de l'énergie et/ou un fluide enrichi en oxygène et le procédé

Publication

**EP 1043558 A2 20001011 (EN)**

Application

**EP 00201196 A 20000403**

Priority

- US 28579499 A 19990405
- US 48168100 A 20000112

Abstract (en)

In an integrated power generation system, part of the air from a gas turbine compressor (1) is separated in a single nitrogen wash column (15) to remove oxygen and the gaseous nitrogen (21, 42) produced at the top of the column is sent back to a point upstream of the expander (5) of the gas turbine. The wash column may be fed with liquid nitrogen (17) from an independent air separation unit (A) in which air is separated by cryogenic distillation. Liquid (37) from the bottom of the wash column may be fed back to the air separation unit (A <IMAGE>

IPC 1-7

**F25J 3/04**

IPC 8 full level

**F25J 3/04** (2006.01)

CPC (source: EP US)

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Cited by

CN109883140A; EP1544559A1; US6397631B1; WO2010021784A3

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